

AMENDMENTS TO THE CLAIMS

Claims 1-27 (Canceled)

Claim 28 (New) A refrigerating storage cabinet comprising:

 a heat insulating housing;
 a refrigeration unit that includes a compressor, a condenser, an expanding mechanism,
and an evaporator; and

 a control unit having a data storage location;
 wherein the data storage location stores a plurality of refrigerating characteristics
indicative of a time-varying change mode of dropping of a physical amount with respect to
refrigeration, the physical amount including an internal temperature of said heat insulating
housing; and

 said control unit controls operation of said refrigerating unit in each of a plurality of
refrigerating specifications so that the physical amount is reduced in accordance with one of the
refrigeration characteristics.

Claim 29 (New) The refrigerating storage cabinet according to claim 28, wherein said data
storage location stores the plurality of refrigerating specifications;

 wherein the control unit selects an appropriate one of the plurality of refrigerating
specifications, and said refrigerating unit is operated according to the appropriate one of the
plurality of refrigerating specifications.

Claim 30 (New) The refrigerating storage cabinet according to claim 29, wherein said heat
insulating housing further comprises:

 a condensation-preventing heater with variable heating performance located about an
opening of said heat insulated housing; and

 a switching device provided to switch the variable heating performance of the heater to
correspond to the appropriate one of the plurality of refrigerating specifications.

Claim 31 (New) The refrigerating storage cabinet according to claim 30, wherein said refrigeration unit is detachably connected to said heat insulating housing, and said refrigerating storage cabinet further comprising:

an identifying means for identifying the refrigerating specification of said heat insulating housing to which the refrigeration unit is detachably connected,

wherein said control unit selects and executes the appropriate one of the plurality of refrigerating specifications based on an identification signal from said identifying means.

Claim 32 (New) The refrigerating storage cabinet according to claim 31, wherein said identifying means comprises:

a detecting portion provided on one of said refrigeration unit and said heat insulating housing; and

a detected portion provided on another one of a heat insulated housing and a refrigeration unit,

wherein an interaction between said detecting portion and a detected portion determines the identification signal.

Claim 33 (New) The refrigerating storage cabinet according to claim 31, wherein said identifying means comprises:

a set internal temperature input section for inputting a set internal temperature for said heat-insulating housing,

wherein said identifying means determines the appropriate one of the plurality of refrigerating specifications based on the set internal temperature.

Claim 34 (New) The refrigerating storage cabinet according to claim 31, wherein said identifying means comprises:

a signal recording section provided with said heat insulating housing for storing an

identification signal for selecting the appropriate one of the plurality of refrigerating specifications; and

a reading section that reads the identification signal of said signal recording section and communicates the identification signal to said control unit.

Claim 35 (New) The refrigerating storage cabinet according to claim 31, wherein said heat insulating housing comprises:

an information recording section storing supplementary information; and

information conveying means for reading and communicating the supplementary information to said control unit,

wherein the supplementary information includes at least one of a size of said heat insulating housing and a heat invasion amount characteristic.

Claim 36 (New) The refrigerating storage cabinet according to claim 29, wherein the plurality of refrigerating specifications comprises:

a refrigerating specification for refrigeration; and

a refrigerating specification for freezing.

Claim 37 (New) The refrigerating storage cabinet according to claim 28, wherein

said refrigerating unit performs a pull down cooling when an internal temperature is higher than an upper limit temperature until the internal temperature drops to the upper limit temperature, wherein the upper limit temperature is higher than a predetermined temperature by a predetermined value;

said refrigerating unit performs a control refrigeration when the internal temperature is at the upper limit temperature until the internal temperature drops to a lower limit temperature, after which the refrigerating unit is stopped, allowing the internal temperature to rise, wherein the lower limit temperature is below the predetermined temperature by a predetermined amount, and the control refrigeration is repeated, maintaining the internal temperature about the

predetermined temperature;

at least one of a plurality of pull down cooling characteristics and a plurality of control refrigeration characteristics are provided for controlling the refrigeration unit during the respective pull down cooling and control refrigeration;

an appropriate one of the at least one of the plurality of pull down cooling characteristics is selected based upon conditions of the refrigerating storage cabinet; and

an appropriate one of the at least one of the plurality of control refrigeration characteristics is selected based upon the conditions of the refrigerating storage cabinet.

Claim 38 (New) The refrigerating storage cabinet according to claim 28 further comprising:
a detecting portion provided on one of said heat insulated housing and said refrigerating unit; and
a detecting portion provided on another one of a heat insulated housing and a refrigerating unit.

Claim 39 (New) The refrigerating storage cabinet according to claim 38, wherein said heat insulating housing comprises:
a condensation-preventing heater operable at a plurality of heating performance levels located about an opening of said heat insulated housing; and
a switching device provided to operate the condensation-preventing heater at an appropriate one of the plurality of heating performance levels based upon the interaction between the detecting portion and the detected portion.

Claim 40 (New) The refrigerating storage cabinet according to claim 39, wherein the plurality of refrigerating specifications includes:
a refrigerating specification for refrigeration; and
a refrigerating specification for freezing.